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(Cont)

with the blood cells and returned to the subject, [characterised in] such that the solvent extraction step is carried out separately and remote from the subject while the subject is not still connected to the device for withdrawing blood from the subject, wherein the extraction solvent is removed from the delipidated fraction by mixing the delipidated fraction with an absorbent specific for the extraction solvent, and wherein the absorbent does not remove said apolipoproteins from the delipidated fraction being returned to the subject.

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(Twice Amended) A method [as defined in Claim 1,] for the removal of cholesterol, triglycerides and other lipids from animal plasma, serum, or other suitable blood fraction containing apolipoproteins, as a discontinuous flow system, said method comprising connecting a subject to a device for withdrawing blood, withdrawing blood containing blood cells from the subject, separating said fraction from the blood cells and mixing with a solvent mixture which extracts said lipids from the fraction but which does not extract said apolipoproteins from the fraction, after which the delipidated fraction is recombined with the blood cells and returned to the subject, such that the solvent extraction step is carried out separately and remote from the subject while the subject is not still connected to the device for withdrawing blood from the subject, wherein the solvent extraction step comprises:

- (a) mixing the solvent mixture containing the fraction with beads, said beads being of a density substantially mid-way between the density of the fraction and the density of the solvent mixture; and
- (b) isolating the thus delipidated fraction-containing phase.

Please cancel claim 8, without prejudice.

In claim 9, line 1, change "8" to --1--.

In claim 11, line 1, change "8" to --1--.

In claim 12, line 1, change "8" to --1--.

In claim 13, line 2, change "8" to --1--.